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MACHINE TOOL PLANTS INCREASE PRODUCTION

BEARINGS PLANT UPS OUTPUT -- Moskovskiy Bol'shevik, No 185, 7 Aug 49

The Second State Bearings Plant in Moscow has recently modernized its equipment in an effort to achieve greater precision and productivity. Machines have been converted to individual drive, friction bearings have been replaced by roller bearings, loading of parts to be machined has been mechanized, and automatic control has been introduced. During 1948 and the first 6 months of this year, 125 machine tools were modernized in this way. All this made it possible to increase cutting speed from 28 to 80 - 100 meters per minute.

The plant is now modernizing four-spindle automatic machines. Their productivity is expected to increase 50 percent. High-speed cutting methods are being applied on a larger scale.

Continuous production methods are being introduced more widely. For instance, the production of bushings and nuts has been placed on assembly line. At present, the plant is organizing the uninterrupted production process for machining bushings and nuts. It is estimated that this will increase productivity by 50 percent.

Production of instrument and precision bearings has been isolated in an independent unit with a closed production cycle.

The plant fulfilled the Five-Year Plan for production level in March 1949. It is now working towards the fulfillment of the Five-Year Plan for volume of production in 4 years, and is striving to achieve a 50-percent increase over the prewar output during 1949, instead of 1950 as it had been planned. -- N. Koptsov, chief engineer, Second Bearings Plant

MOSCOW PLANT COMPLETES FIVE-YEAR Plan -- Moskovskiy Bol'shevik, No 190, 13 Aug 49

The "Kalibr" Plant in Moscow completed the Five-Year Plan for volume of production 10 August. Production output by the plant in 1947 was 42 percent above the 1946 figure,

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and 1948 output exceeded the 1946 figure by 92 percent. During the first half of 1949, the plant's output was 27.5 percent greater than that of all of 1946. During the Five-Year Plan, the plant has mastered the production of 185 new types of products.

The plant has adopted the continuous method to the production of slide gauges, calipers, and other items.

Constant improvement of the technology and organization of production has enabled the plant to increase output by 160 percent over prewar. The level of production planned for 1950 has been exceeded by 150 percent.

LENINGRAD PLANT MAKES DRUM -- Leningradskaya Pravda, No 186, 9 Aug 49

The trimming shop of the "Lenstankolit" (Leningrad Foundry Machine) Plant has completed the building of a cast drum for a high-pressure turbine in the Plant named Stalin.

KIROVAKAN PLANT LAGS IN ASSORTMENT OUTPUT -- Kommunist, No 186, 9 Aug 49

Although the Kirovakan Machine-Building Plant of the Ministry of Meat and Dairy Industry USSR consistently fulfills its gross-production assignment, it has not completed its plan for assortment of goods in a single month this year. The plant is fulfilling its assortment plan for only four of the nine products it produces. The output of churns, separators, and centrifuges has been regularly below plan this year. The plant has produced fittings for only 15 boilers in 1949, instead of 120 as planned. The plan for the production of cut-off valves has been met by only 11.1 percent. Lack of qualified workers is the basic cause of the plant's backwardness.

PLANTS SPEED TURNOVER OF WORKING CAPITAL -- Moskovskiy Bol'shevik, No 178, 30 Jul 49

A meeting of machine-tool builders, concerned with accelerating the turnover of working capital, ended on 28 July. Minister of Machine-Tool Building USSR Kostousov was present at the meeting. Stepanov, chief of the finance department of the Ministry of Machine-Tool Building USSR, made a speech.

This year machine-tool building enterprises achieved marked success in the acceleration of working capital. Two Moscow plants, "Kalibr" and "Krasny Proletariy," released large sums of capital. The "Kalibr" Plant, which had pledged to release 4,520,000 rubles in 1949 released 8,240,000 rubles during the first half-year, and accelerated its turnover from 130 days in 1948 to 85 days. The "Krasny Proletariy" Plant accelerated its turnover from 162 days to 129, and released over 4 million rubles.

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